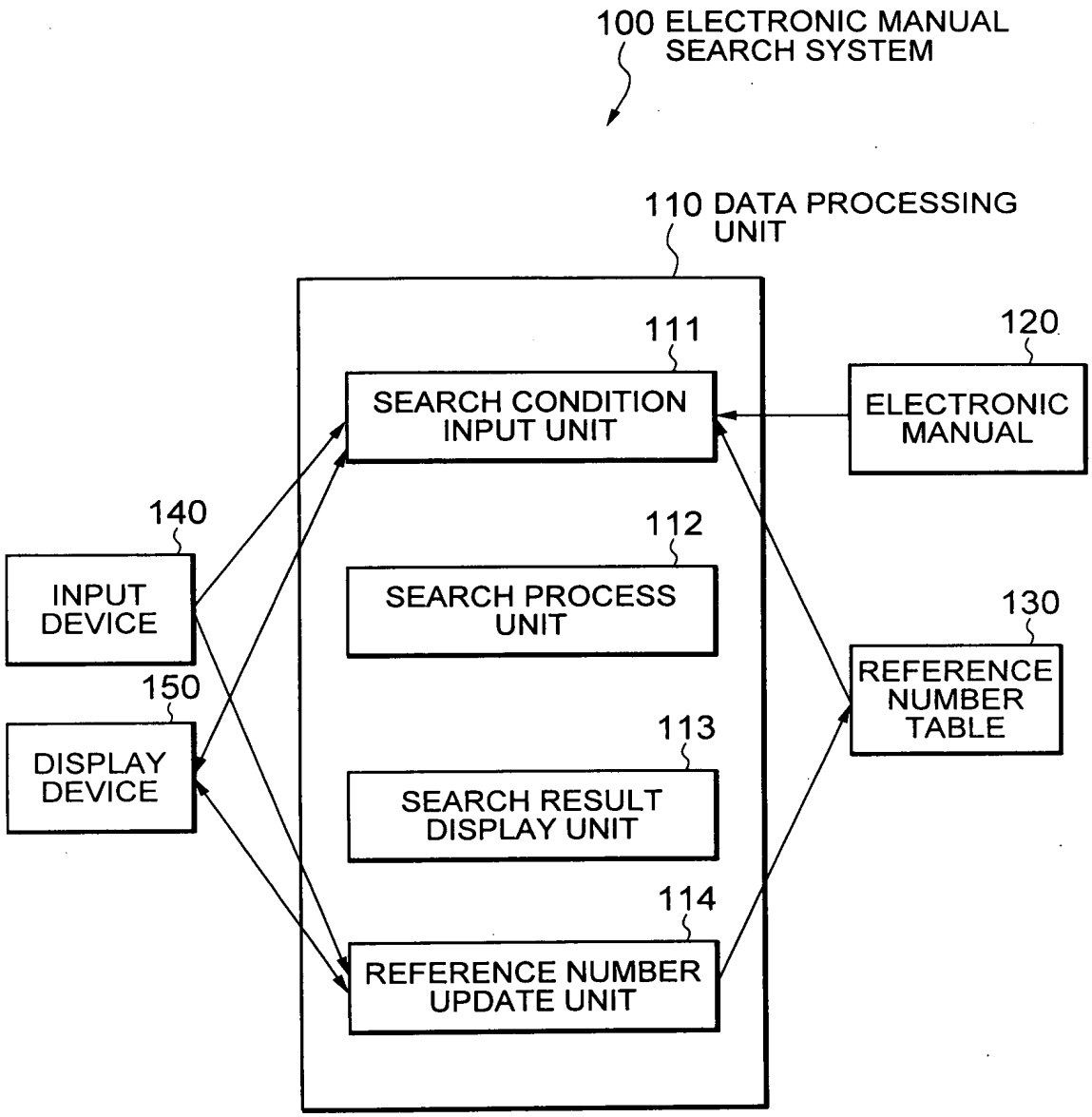
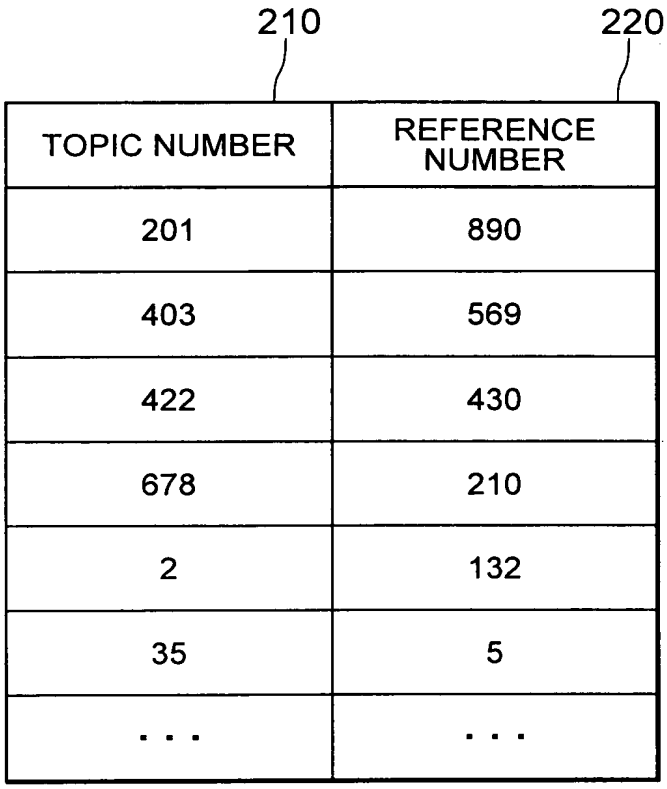

100 ELECTRONIC MANUAL SEARCH SYSTEM
110 DATA PROCESSING UNIT
111
SEARCH CONDITION INPUT UNIT
120
ELECTRONIC MANUAL
112
SEARCH PROCESS UNIT
130
REFERENCE NUMBER TABLE
113
SEARCH RESULT DISPLAY UNIT
114
REFERENCE NUMBER UPDATE UNIT
140
INPUT DEVICE
150
DISPLAY DEVICE

FIG. 1

130 REFERENCE NUMBER TABLE



210 TOPIC NUMBER	220 REFERENCE NUMBER
201	890
403	569
422	430
678	210
2	132
35	5
. . .	. . .

FIG. 2

130 REFERENCE NUMBER TABLE

230 USER CLASS	210 TOPIC NUMBER	220 REFERENCE NUMBER
BEGINNER' S CLASS	2	450
BEGINNER' S CLASS	15	230
BEGINNER' S CLASS	789	44
BEGINNER' S CLASS	69	5
. . .	. . .	. . .
MIDDLE CLASS	86	132
MIDDLE CLASS	43	8
. . .	. . .	. . .
UPPER CLASS	78	807
. . .	. . .	. . .

FIG. 3

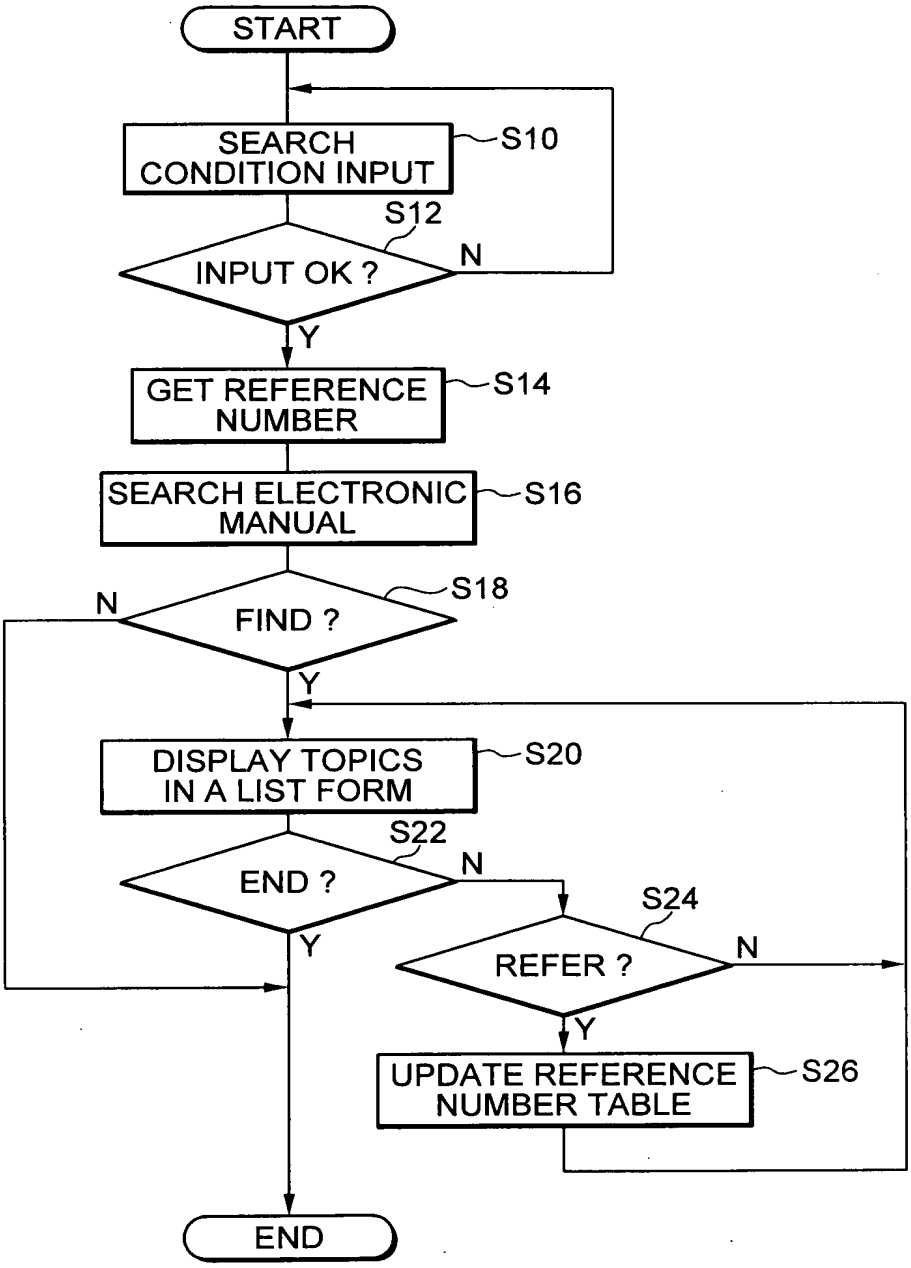

START
SEARCH CONDITION INPUT
S10
S12
INPUT OK ?
N
Y
GET REFERENCE NUMBER
S14
SEARCH ELECTRONIC MANUAL
S16
FIND ?
S18
N
Y
DISPLAY TOPICS IN A LIST FORM
S20
S22
END ?
N
Y
S24
REFER ?
N
Y
UPDATE REFERENCE NUMBER TABLE
S26
END

FIG. 4

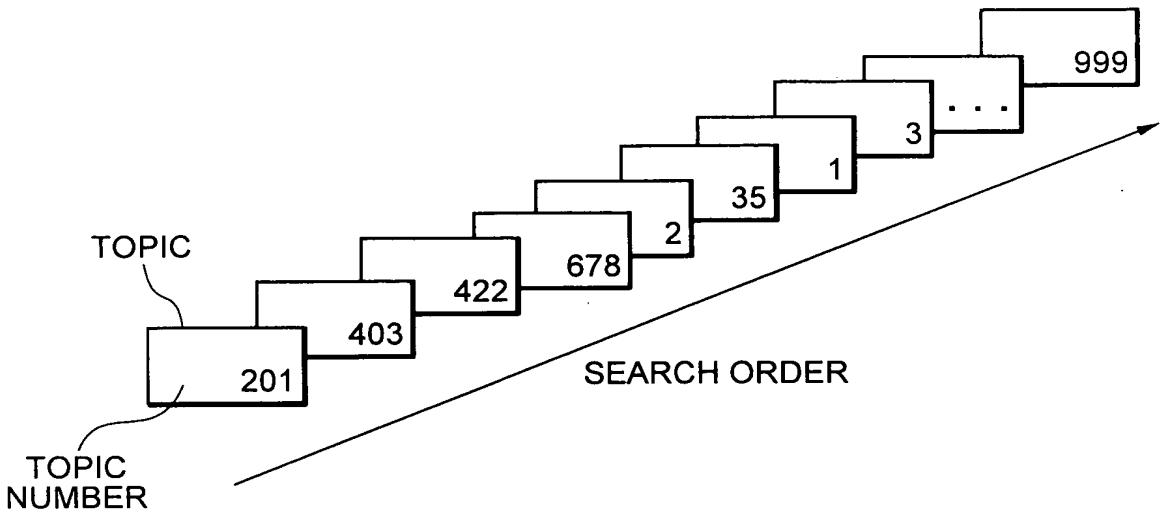

999
3
1
35
2
678
422
403
201
TOPIC
SEARCH ORDER
TOPIC
NUMBER

FIG. 5A

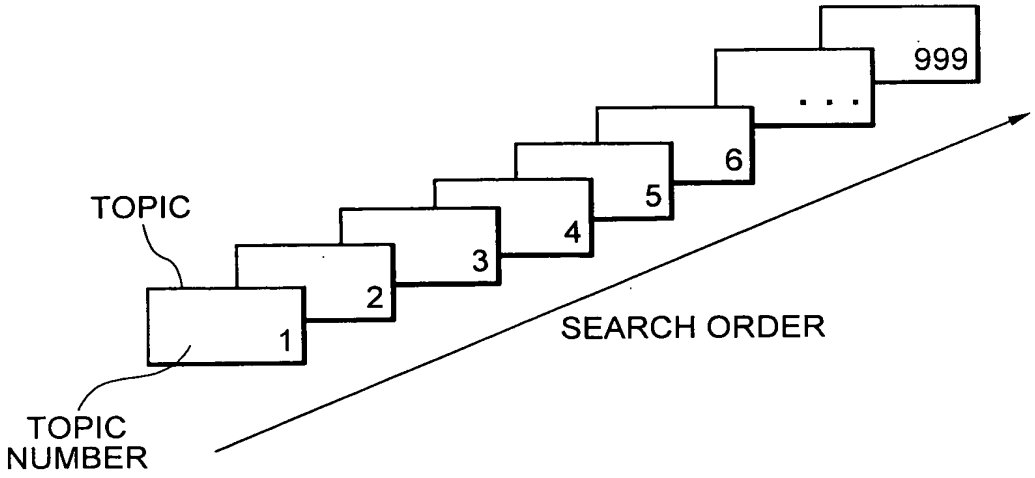

999
6
5
4
3
2
1
TOPIC
SEARCH ORDER
TOPIC
NUMBER

FIG. 5B

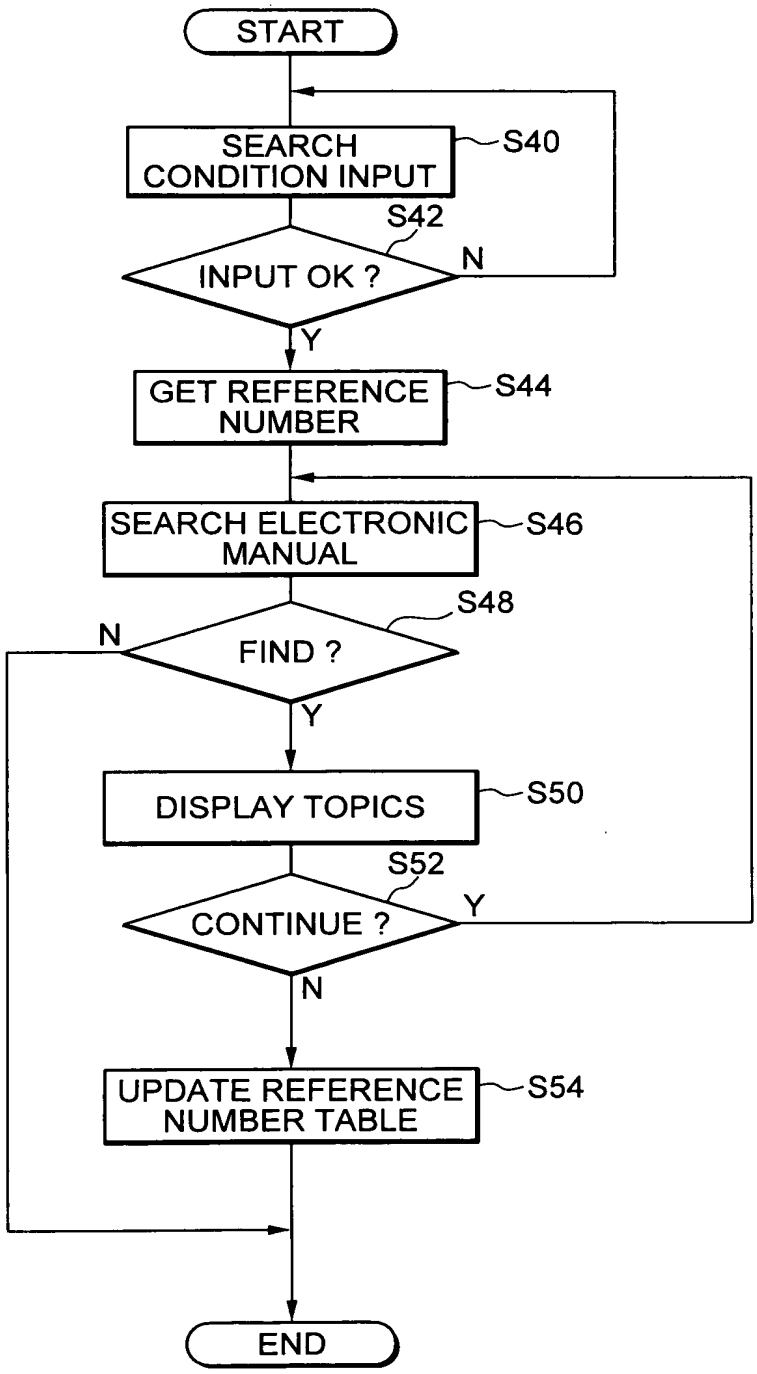

START
SEARCH CONDITION INPUT
S40
S42
INPUT OK ?
N
Y
GET REFERENCE NUMBER
S44
SEARCH ELECTRONIC MANUAL
S46
S48
FIND ?
N
Y
DISPLAY TOPICS
S50
S52
CONTINUE ?
Y
N
UPDATE REFERENCE NUMBER TABLE
S54
END

FIG. 6

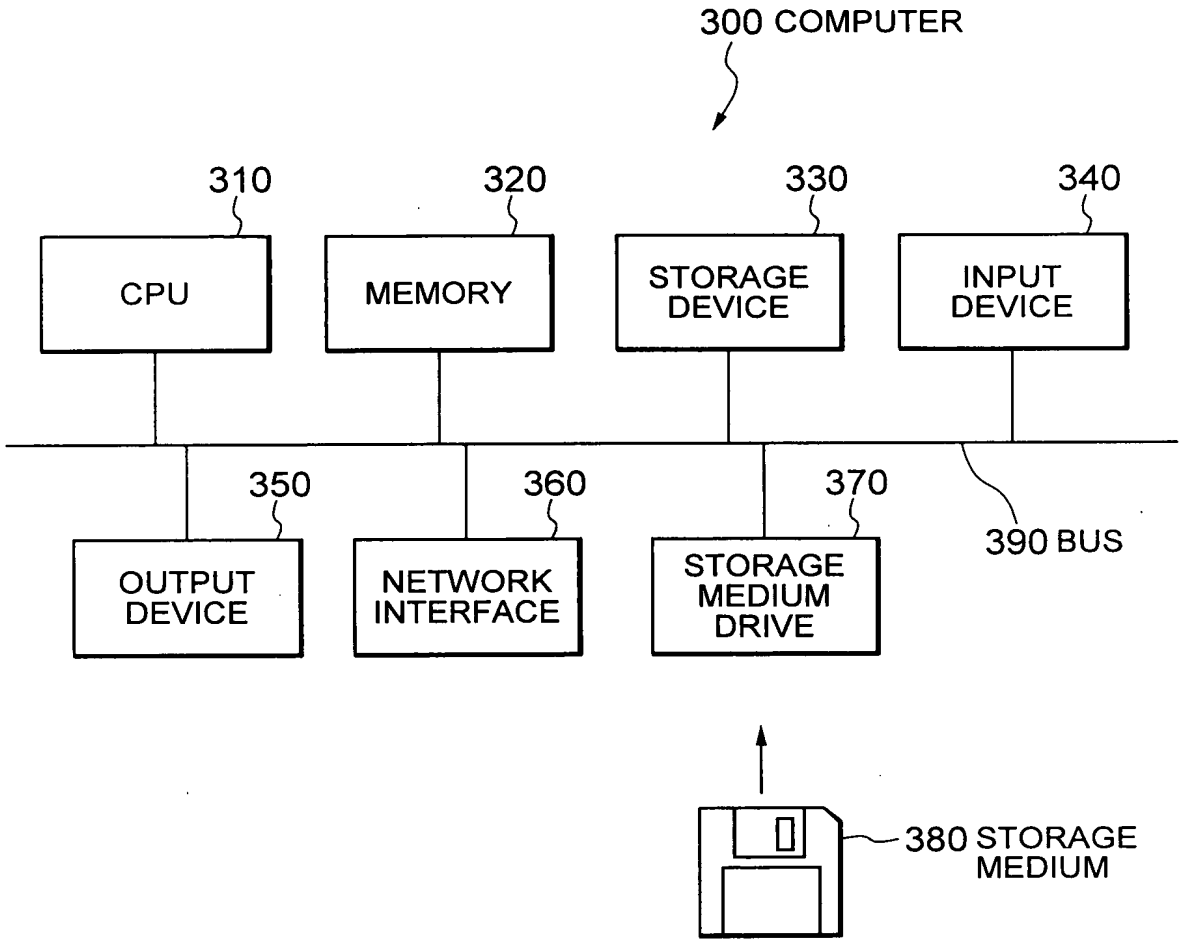

300 COMPUTER
310
320
330
340
CPU
MEMORY
STORAGE DEVICE
INPUT DEVICE
350
360
370
390 BUS
OUTPUT DEVICE
NETWORK INTERFACE
STORAGE MEDIUM DRIVE
380 STORAGE MEDIUM

FIG. 7